

\* Removal for Class D patches on the roadway shall be completed prior to deck end and hatch block removal at the bridge. See Roadway plans for details and guardrails.

## PROPOSED IMPROVEMENTS

- 1. Removal of neoprene expansion joints and replacement with preformed joint strip seals at both abutments.
- 2. Remove and replace expansion joint at south abutment stage line.
- 3. Structural repair of concrete at North abutment and South pier (South face)
- 4. Repair South median settlement: remove and replace median surface curb and gutter and fill void with sand backfill.
- 5. Place HMA expansion patches at bridge approach pavement ends.



## TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	31.9
Concrete Superstructure	Cu. Yd.	32.3
Preformed Joint Strip Seal	Foot	269
Geocomposite Wall Drain	Sq. Yd.	2.0
Reinforcement Bars, Epoxy Coated	Pound	3,150
Structural Repair of Concrete ≤ 5 inches	Sg. Ft.	657
Bar Splicers	Each	42

## GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F. The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

## PLAN AND ELEVATION SN 057-0202

SHEET NO. 1	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	676	(9-I)BJR		McLEAN	17	12
		NOG(1-E)		CONTRACT	NO. 7	0731
	FED. RO	AD DIST. NO. ILLINOI	S FED. A	ID PROJECT		

Install new traffic barrier terminal. Type 6

(North Bound approach only)

Expires: November 30, 2010

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SLT-95-001-08